

	Ty pe	L #	Hi ts	Search Text	DBs	Time Stamp	Comme nts	Error Defini tion	Erro rs
1	BRL S	2	4	koelzer-robert.in.	USPAT; EPO; JPO	2004/ 04/28 16:07			0
2	BRL S	1	25	koelzer.in.	USPAT; EPO; JPO	2004/ 04/28 16:08			0
3	BRL S	3	6	koelzer-robert-\$.in.	USPAT; EPO; JPO	2004/ 04/28 16:07			0
4	BRL S	4	10	1 and brake	USPAT; EPO; JPO	2004/ 04/28 16:08			0
5	BRL S	5	9	1 and compress\$4	USPAT; EPO; JPO	2004/ 04/28 16:09			0
6	BRL S	6	12	4 5	USPAT; EPO; JPO	2004/ 04/28 16:19			0
7	BRL S	7	18	haldex with brake with corp\$7	USPAT; EPO; JPO	2004/ 04/28 16:19			0
8	BRL S	8	81	haldex with brake	USPAT; EPO; JPO	2004/ 04/28 16:20			0
9	BRL S	9	0	8 and missouri	USPAT; EPO; JPO	2004/ 04/28 16:21			0
10	BRL S	10	15	8 and kansas	USPAT; EPO; JPO	2004/ 04/28 16:21			0
11	BRL S	11	33	8 and compress\$5	USPAT; EPO; JPO	2004/ 04/28 16:21			0
12	BRL S	12	6	11 and dry\$3	USPAT; EPO; JPO	2004/ 04/28 16:22			0
13	BRL S	13	9	("5458677" "6074462" "6120107" "6391098" "6425935" "4892569" "5186522" "5252034" "5334230").pn.	USPAT; EPO; JPO	2004/ 04/28 17:28			0

	Typ e	L #	Hi ts	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
14	BR S	14	20	("2955673" "3080693" "3395511" "3399510" "3486303" "3714763" "3937622" "4052178" "4231768" "4331457" "4361425" "4519819" "4544385" "4549888" "4655801" "4673419" "4685941" "4712222" "4714483" "4731515")	USPAT	2004/ 04/28 16:56			0
15	BR S	15	4	("3943711" "4096692" "4999035" "5066317").PN.	USPAT	2004/ 04/28 16:56			0
16	BR S	16	13	("4018579" "4026685" "4052178" "4092569" "4504081" "4512781" "4707166" "4710108" "4713094" "4955994" "4993922" "5002593"	USPAT	2004/ 04/28 16:57			0
17	BR S	17	16	("2864461" "3592563" "3832831" "3923479" "4026685" "4029486" "4544385" "4714483" "4850263" "4892569" "4955994" "4960036" "5002593" "5066317" "5067391" "5148653")	USPAT	2004/ 04/28 16:57			0
18	BR S	18	13	("3323292" "3472000" "3592563" "3937622" "4026685" "4047909" "4487617" "4764189" "4892569" "5110327" "5129927" "5286282"	USPAT	2004/ 04/28 16:57			0
19	BR S	19	20	("3080693" "3242650" "3399510" "3464186" "3592563" "3714763" "3937622" "4272265" "4373938" "4655801" "4714483" "4764189" "4892569" "5209764" "5286283" "5458676" "5458677" "5500150" "5557554" "5607500")	USPAT	2004/ 04/28 16:57			0
20	BR S	20	15	("4459085" "4549888" "4714483" "4887840" "4900098" "5027529" "5145495" "5186522" "5466007" "5533333" "5575541" "5592754" "5678900" "5855379"	USPAT	2004/ 04/28 16:57			0

	Ty pe	L #	Hi ts	Search Text	DBs	Time Stamp	Comme nts	Error Defini tion	Erro rs
21	BR S	L 21	15	("3080693" "3242650" "3464186" "3472000" "3592563" "3714763" "3923479" "4549888" "4714483" "4892569" "5286283" "5423129" "5458677" "5917139" "6074177" "6074462" "6077330" "6120107"	USPAT	2004/ 04/28 16:57			0
22	BR S	L 22	10	("3714763" "4007021" "5145495" "5186522" "5592754" "6074177" "6074462" "6077330" "6120107"	USPAT	2004/ 04/28 16:57			0
23	BR S	L 23	85	13 14 15 16 17 18 19 20 21 22	USPAT; EPO; JPO	2004/ 04/28 16:58			0
24	BR S	L 24	72	23 and compress\$4 with air	USPAT; EPO; JPO	2004/ 04/28 16:58			0
25	BR S	L 25	44	23 and (compress\$4 with air) and desiccant	USPAT; EPO; JPO	2004/ 04/28 16:58			0
26	BR S	L 26	0	25 and resevoir	USPAT; EPO; JPO	2004/ 04/28 16:58			0
27	BR S	L 27	39	25 and reservoir	USPAT; EPO; JPO	2004/ 04/28 16:59			0
28	BR S	L 28	28	27 and charg\$4	USPAT; EPO; JPO	2004/ 04/28 16:59			0
29	BR S	L 29	0	28 and (check with valve) and (blow-through with valve)	USPAT; EPO; JPO	2004/ 04/28 17:00			0
30	BR S	L 30	0	28 and (blow-through with valve)	USPAT; EPO; JPO	2004/ 04/28 17:01			0
31	BR S	L 31	25	28 and (check with valve)	USPAT; EPO; JPO	2004/ 04/28 17:01			0

	Typ e	L #	Hi ts	Search Text	DBs	Time Stamp	Comments	Error Definition	Errors
32	BR S	L 32	20	("3080693" "3242650" "3399510" "3464186" "3592563" "3714763" "3937622" "4272265" "4373938" "4655801" "4714483" "4764189" "4892569" "5209764" "5286283" "5458676" "5458677" "5555554" "5555554" "5555554")	USPAT	2004/ 04/28 17:01			0
33	BR S	L 33	7	("3937622" "4714483" "5575541" "5458676" "5209764" "4764189").pn.	USPAT; EPO; JPO	2004/ 04/28 17:07			0
34	BR S	L 34	40 5	(dry\$3 with compress\$5 with air) and desiccant	USPAT; EPO; JPO	2004/ 04/28 17:28			0
35	BR S	L 35	13 9	34 and reservoir	USPAT; EPO; JPO	2004/ 04/28 17:29			0
36	BR S	L 36	78	35 and purge	USPAT; EPO; JPO	2004/ 04/28 17:29			0
37	BR S	L 37	95	35 and (brake vehicle)	USPAT; EPO; JPO	2004/ 04/28 17:29			0
38	BR S	L 38	90	37 and compressor	USPAT; EPO; JPO	2004/ 04/28 17:29			0
39	BR S	L 39	87	38 and pressure	USPAT; EPO; JPO	2004/ 04/28 17:30			0
40	BR S	L 40	63	39 and (34/\$.ccls. 96/\$.ccls.)	USPAT; EPO; JPO	2004/ 04/28 17:30			0

	Document ID	Issue Date	Title	Current OR	Current XRef
1	US 6425935 B1	2002 0730	Trailer air dryer with purge during park feature	95/1	55/DIG.17; 95/121; 96/109; 96/143
2	US 6391098 B1	2002 0521	Air braking system component	96/111	55/DIG.17; 96/113; 96/115; 96/130; 96/144; 96/147
3	US 6074462 A	2000 0613	Air dryer reservoir module components	96/113	55/DIG.17; 96/136; 96/144; 96/147
4	US 5917139 A	1999 0629	Air dryer reservoir module	96/113	96/144; 96/147
5	US 5607500 A	1997 0304	Desiccant air dryer with combined attachment and air flow management component	96/144	55/DIG.17; 96/138; 96/141; 96/147; 96/151
6	US 5592754 A	1997 0114	Electronic control of compressor unloader and air dryer purge	34/527	34/80; 96/114
7	US 5575541 A	1996 1119	Air supply system and method with enhanced purge capacity	303/1	303/85; 96/113
8	US 5522150 A	1996 0604	Modular air dryer for compressed air with dessicant	34/80	96/113
9	US 5458677 A	1995 1017	Air dryer mechanism with flow regulated purge pressure	96/113	96/114; 96/116; 96/141; 96/144
10	US 5458676 A	1995 1017	Pressure differential control valve for compressed air system	96/109	96/116; 96/144
11	US 5334230 A	1994 0802	Sealed air dryer with turbosaver valve	96/113	96/144
12	US 5186522 A	1993 0216	Air dryer purge line	303/1	60/307; 96/137; 96/144; 96/408

	Inventor
1	Amato, William P. et al.
2	Thomas, Barry David
3	Quinn, Leonard A. et al.
4	Goodell, David J. et al.
5	Shamine, Dennis R. et al.
6	Krieder, Robert D. et al.
7	Elamin, Naman A.
8	Schultz, Paul A.
9	VanderMolen, Gary L.
10	Herbst, Robert J. et al.
11	Sloka, Alan
12	Spencer, Joseph C.

	Document ID	Issue Date	Title	Current OR	Current XRef
13	US 5066317 A	1991 1119	Compressed gas dryer system with pressure retention	96/408	55/303; 96/136
14	US 5027529 A	1991 0702	Charge/purge control system for air dryer having limited charge time	34/562	34/80
15	US 4999035 A	1991 0312	Indicator device for compressed air systems	96/117.5	116/206; 96/144; 96/416
16	US 4955994 A	1990 0911	Compressed gas apparatus	96/113	96/144; 96/400
17	US 4892569 A	1990 0109	Compressed air pressure supply system	96/113	96/137; 96/408
18	US 4721515 A	1988 0126	Control system of a dual-cylinder type dehumidifier	96/115	55/DIG.17; 96/130
19	US 4714483 A	1987 1222	Air dryer purge control for turbocharged compressors	96/113	55/DIG.17; 96/144
20	US 4713094 A	1987 1215	Air drier apparatus	96/147	55/DIG.17; 96/408
21	US 4549888 A	1985 1029	Automatic control for an external air supply	96/113	96/144
22	US 4487617 A	1984 1211	Mechanism for cleaning and drying compressed gases	96/113	55/DIG.17; 96/136
23	US 4231768 A	1980 1104	Air purification system and process	96/128	210/DIG.5; 55/487; 96/117.5; 96/136
24	US 4052178 A	1977 1004	Compressed air filter assembly	96/399	137/198; 137/204; 137/545; 55/313; 55/337; 55/385.1; 55/417; 55/418; 55/432; 55/DIG.17; 96/408
25	US 4029486 A	1977 0614	Pneumatic compactor for particulate desiccant	96/137	55/288; 55/475; 55/DIG.17; 96/408

	Inventor
13	Gross, Dario et al.
14	Cramer, Kenneth L. et al.
15	Warndorf, Eugene R.
16	Knight, David J. et al.
17	Kojima, Katsumi
18	Hata, Yasuhisa et al.
19	Koenig, James P. et al.
20	Yanagawa, Ichiro et al.
21	Fannin, Richard C.
22	Dienes, Larry E. et al.
23	Seibert, Chesterfield F. et al.
24	Frantz, Virgil L.
25	Frantz, Lanier

	Document ID	Issue Date	Title	Current OR	Current XRef
26	US 3937622 A	1976 0210	Air purifier system	96/113	96/136
27	US 3923479 A	1975 1202	Multiple filter apparatus	96/114	55/302; 55/DIG.17; 96/130; 96/400
28	US 3592563 A	1971 0713	FILTER PURGING APPARATUS	417/167	137/596.2; 417/12; 417/26; 55/302; 55/417; 96/113; 96/136

	Inventor
26	Hewitt, William J. et al.
27	Glass, William H. et al.
28	Glass, William H. et al.